

LUMINAIRE PHOTOMETRIC TEST REPORT

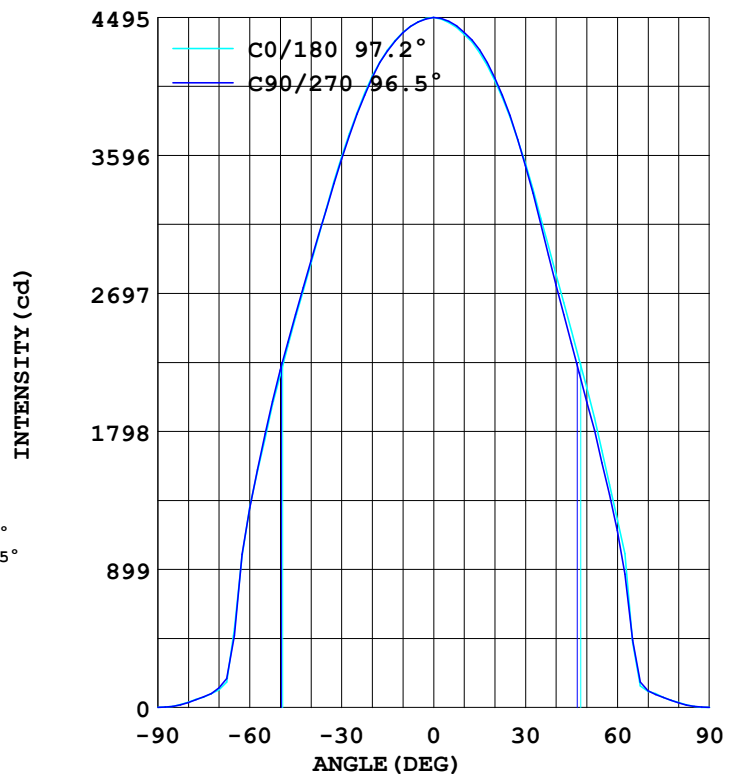
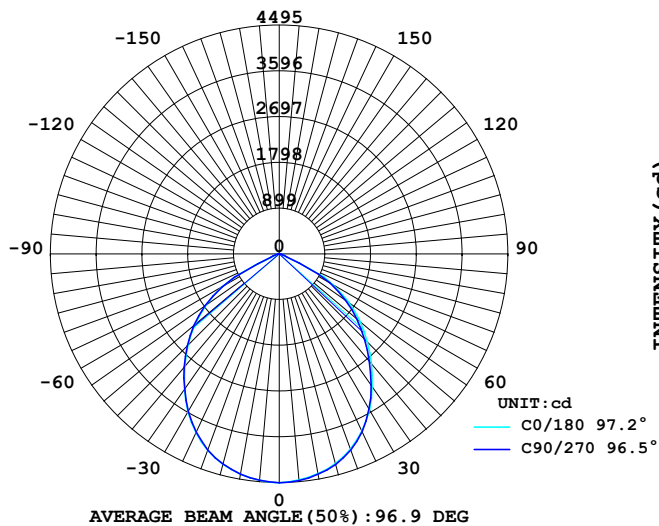
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N6040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	4495	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.19
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	9612.5	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	160.2	Current(A)	0.267
NOMINAL FLUX(lm)	9612.5	η up (%)	0.0	Power(W)	59.99
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	9612.5	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.19

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

Color Temperature Data List

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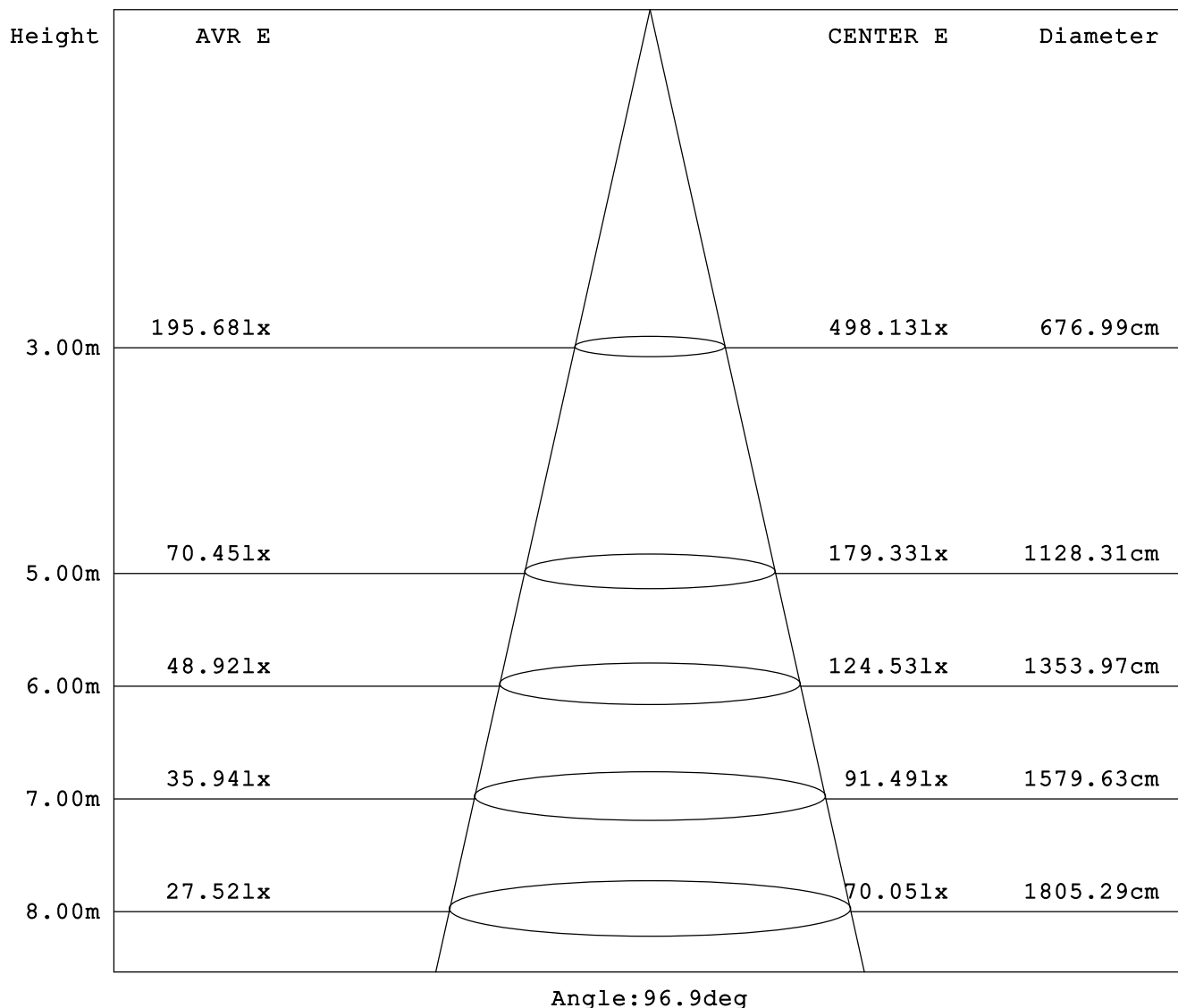
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	4465	4463	4465	4457	4460	4466	4469	4464	0- 5	107.0	107.0
10.0	4396	4395	4394	4381	4384	4389	4396	4388	5- 10	316.7	423.7
15.0	4281	4278	4276	4257	4264	4270	4284	4270	10- 15	513.9	937.7
20.0	4114	4112	4104	4089	4086	4093	4103	4092	15- 20	690.1	1628
25.0	3873	3894	3864	3860	3845	3860	3856	3861	20- 25	835.3	2463
30.0	3588	3608	3573	3570	3546	3544	3528	3562	25- 30	940.1	3403
35.0	3247	3281	3241	3227	3186	3161	3149	3209	30- 35	997.9	4401
40.0	2891	2927	2907	2864	2818	2759	2749	2821	35- 40	1009	5411
45.0	2540	2570	2560	2501	2452	2377	2370	2440	40- 45	983.8	6395
50.0	2163	2191	2196	2132	2083	2006	1988	2057	45- 50	924.5	7319
55.0	1753	1790	1782	1735	1674	1614	1595	1663	50- 55	827.8	8147
60.0	1305	1357	1299	1295	1226	1187	1155	1238	55- 60	684.3	8831
65.0	511.2	946.0	467.0	822.2	425.0	774.8	438.5	812.6	60- 65	475.9	9307
70.0	115.2	321.7	127.2	299.8	105.2	286.4	109.4	308.1	65- 70	199.6	9507
75.0	67.61	79.54	70.74	78.55	65.73	63.42	64.94	69.51	70- 75	66.51	9573
80.0	34.13	32.89	33.09	33.92	31.68	30.68	30.03	29.02	75- 80	26.77	9600
85.0	8.309	9.001	7.054	10.21	6.353	8.388	6.530	7.012	80- 85	10.31	9611
90.0	1.547	0.696	1.330	1.783	0.570	1.677	1.451	0.608	85- 90	1.953	9613
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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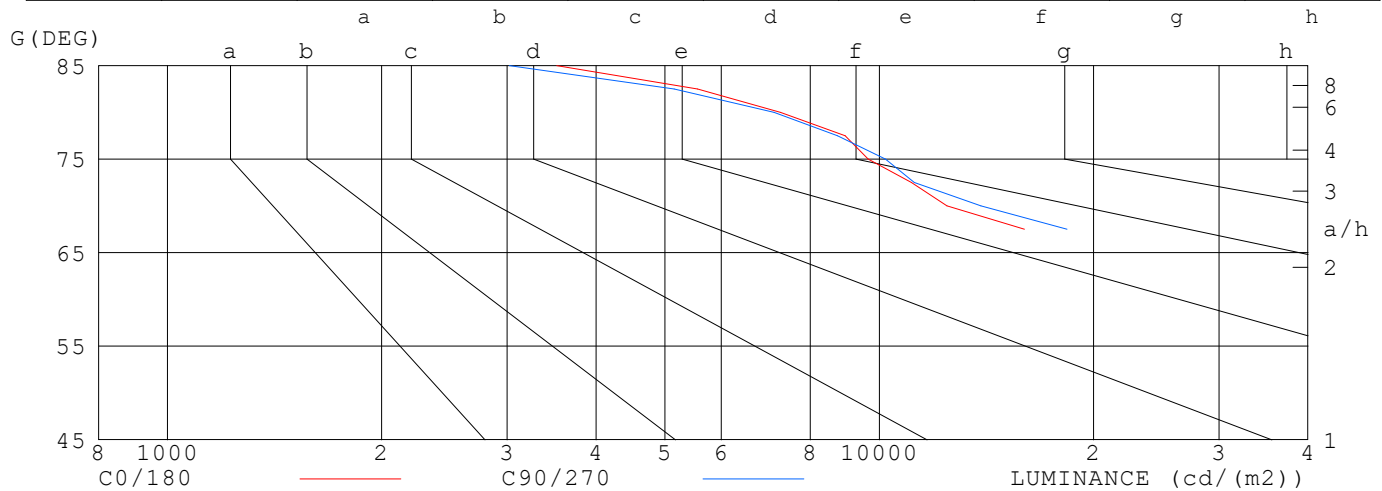
LUMINANCE LIMITATION CURVES

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3522	3021
80	7261	7113
75	9650	10202
70	12449	13888
65	44686	41251
60	96424	96965
55	112883	115936
50	124327	127484
45	132702	135121

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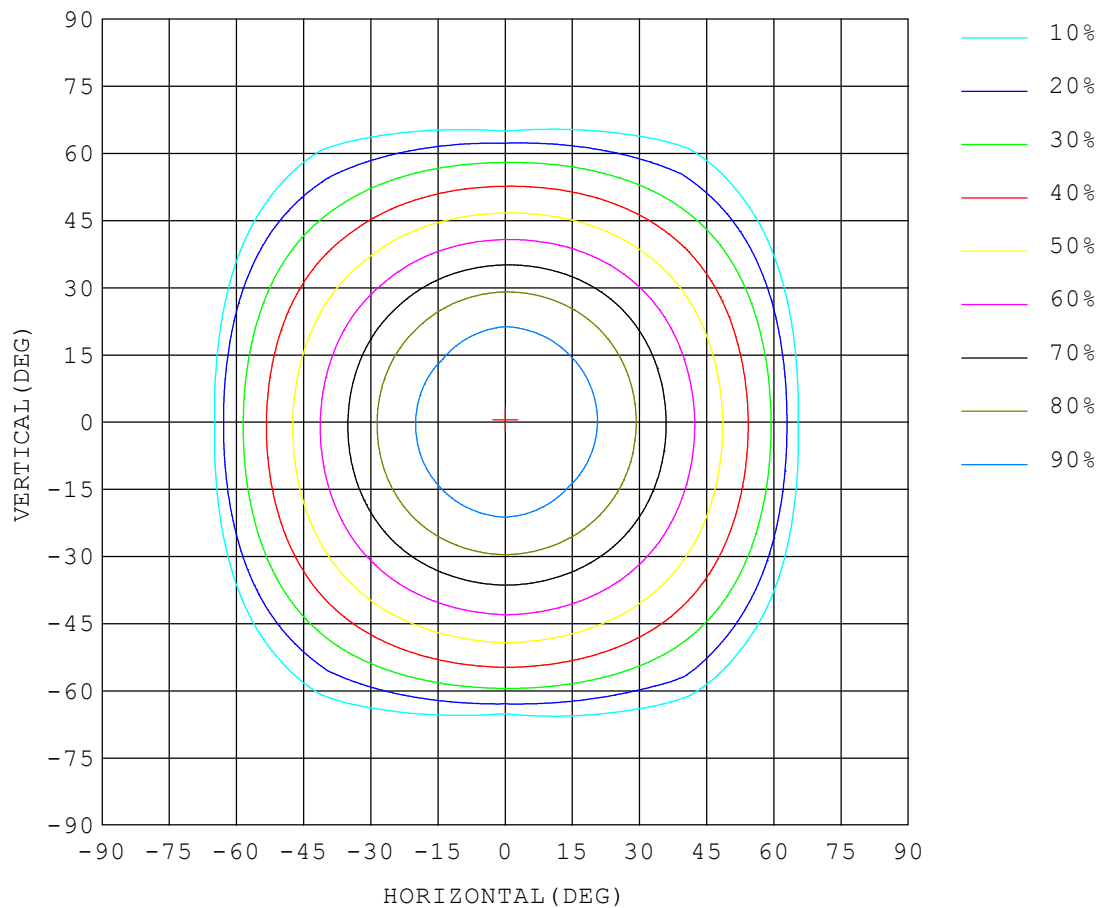
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UNIT: cd



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